

Title (en)

AIR CLEANER HAVING REGENERATIVE FILTER, AND METHOD FOR REGENERATIVE OF AIR CLEANER FILTER

Title (de)

LUFTREINIGER MIT REGENERIERBAREM FILTER UND VERFAHREN ZUM REGENERIEREN EINES LUFTREINIGUNGSFILTERS

Title (fr)

PURIFICATEUR D'AIR ÉQUIPÉ D'UN FILTRE À RÉGÉNÉRATION, ET PROCÉDÉ DE RÉGÉNÉRATION D'UN FILTRE PURIFICATEUR D'AIR

Publication

**EP 2144685 A4 20120125 (EN)**

Application

**EP 08741532 A 20080423**

Priority

- KR 2008002294 W 20080423
- KR 20070039103 A 20070423

Abstract (en)

[origin: WO2008130185A1] The invention relates to an air cleaner, and more particularly to an air cleaner which includes a regenerative deodorizing filter to purify and treat gaseous substances contained in air, thus enabling efficient regeneration of the regenerative deodorizing filter, and a method of regenerating the filter of the air cleaner.

IPC 8 full level

**B01D 53/06** (2006.01); **B01D 46/00** (2006.01); **B01D 53/04** (2006.01)

CPC (source: EP KR US)

**A61L 9/00** (2013.01 - KR); **B01D 46/00** (2013.01 - KR); **B01D 46/0036** (2013.01 - EP US); **B01D 46/62** (2022.01 - EP US); **B01D 53/04** (2013.01 - EP US); **B01D 53/06** (2013.01 - EP US); **B01D 2253/102** (2013.01 - EP US); **B01D 2253/106** (2013.01 - EP US); **B01D 2253/108** (2013.01 - EP US); **B01D 2257/90** (2013.01 - EP US); **B01D 2259/40088** (2013.01 - EP US); **B01D 2259/4148** (2013.01 - EP US); **B01D 2259/4508** (2013.01 - EP US)

Citation (search report)

- [X] US 6358303 B1 20020319 - MAEKAWA TEISUKE [JP]
- [X] DE 3836856 A1 19890511 - DAIKIN IND LTD [JP]
- [X] US 2002035923 A1 20020328 - FUKUHORI SHINJI [JP], et al
- [A] JP 2004195353 A 20040715 - FUJITSU LTD, et al
- [XP] EP 1832331 A1 20070912 - NICHIAS CORP [JP]
- [X] EP 0920900 A1 19990609 - NICHIAS CORP [JP]
- [X] GB 2308317 A 19970625 - NICHIAS CORP [JP], et al
- [X] EP 1683563 A2 20060726 - POLARIS SRL [IT]
- [I] DE 3917389 A1 19891214 - ANDRITZ AG MASCHF [AT]
- See references of WO 2008130185A1

Cited by

CN108503382A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2008130185 A1 20081030**; EP 2144685 A1 20100120; EP 2144685 A4 20120125; JP 2010524628 A 20100722; KR 101143278 B1 20120509; KR 20090130320 A 20091222; US 2010180763 A1 20100722; US 8366803 B2 20130205

DOCDB simple family (application)

**KR 2008002294 W 20080423**; EP 08741532 A 20080423; JP 2010506045 A 20080423; KR 20097024325 A 20080423; US 59737508 A 20080423